

Order 12690



Dart Aerospace Ltd.
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D5159-041

Job Sheet 188928



Part No: D5159-041

Job Qty: 4 pcs

Part Name: Seat Back Brace Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/16/19

Job Tracking No:

Due Date: 1/19/19

Created By: Dara Macdonald

Type: SOLD

Description:

Note: DWG REV A IPP REV:A 14.10.02 NEW ISSUE DD VERF:JLM

Ship Via:

607037

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Lead Time	Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier			
110	Small Fab - 1	4 pcs	1/19/19		0.00	2.86	Small Fab - 1			DAS 58 9-89 FEB 11 2019
							Small Fab - 2			
							Small Fab - 3			
							Small Fab - 4			
							Small Fab - 5			
							Small Fab - 6			
							Small Fab - 7			
120	QC 5	4 pcs	1/19/19		0.00	0.00	QC 5 - 10			DAS 68 9-89 FEB 11 2019
							QC 5 - 12			
							QC 5 - 17			
							QC 5 - 18			
							QC 5 - 19			
							QC 5 - 22			
							QC 5 - 24			
							QC 5 - 3			
							QC 5 - 38			
							QC 5 - 42			
							QC 5 - 43			
							QC 5 - 49			
							QC 5 - 51			
							QC 5 - 58			
							QC 5 - 68			
							QC 5 - 9			
							QC 5 - 50			
							QC 5 - 30			
130	Packaging 3-1 - Stock - B4B	4 pcs	1/19/19		0.00	0.00	Packaging 3 - 1 - B4B			DAS 68 9-89 FEB 07 2019
							Packaging 3 - 2 - B4B			
							Packaging 3 - 3 - B4B			
							Packaging 3 - 4 - B4B			
							Packaging 3 - 5 - B4B			

				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	8 FEB 12 2019
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - SA	4 pcs	1/19/19	0.00 0.00	QC 21 - SA - 21	DAS FEB 12 2019
				QC 21 - SA - 70	21

Part Op 110 - Small Fab
 Descriptions: 120 - QC5- Inspect part completeness to step on W/O
 130 - Identify as per dwg & Stock Location:
 140 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D5159-1	Rib	4 pcs (1 ea)	110-Small Fab - 1	5093730X1 5149 523X3
D5160-1	Seat Brace Bracket	4 pcs (1 ea)	110-Small Fab - 1	5148235
D5160-5	Shim	4 pcs (1 ea)	110-Small Fab - 1	5088665
MS20426AD3-4	Rivet	8 Ea (2 ea)	110-Small Fab - 1	FM136444-2-1
MS20600M4W3	Rivet	8 Ea (2 ea)	110-Small Fab - 1	FM137459-5
MS20601M4W4	Rivet	12 Ea (3 ea)	110-Small Fab - 1	514271030 5093701 X9
MS21059L4	Nutplate	4 Ea (1 ea)	110-Small Fab - 1	518185

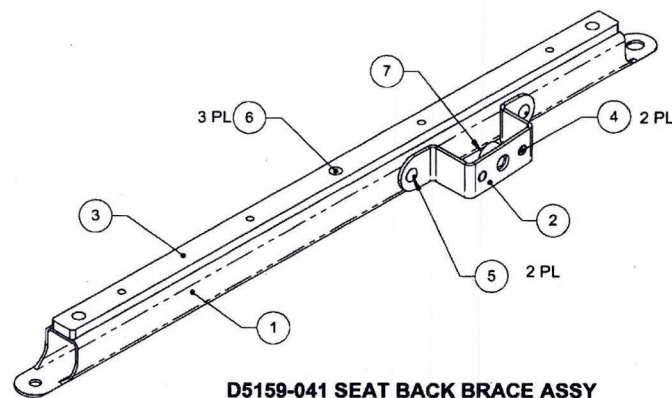
Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Small Fab - 1	D5159-1	4	1	0
	D5160-1	4	0	0
	D5160-5	4	4	0
	MS20426AD3-4	8	3,547	0
	MS20600M4W3	8	78	0
	MS20601M4W4	12	24	0
	MS21059L4	4	91	0

Part Specifications
Specifications could not be found.

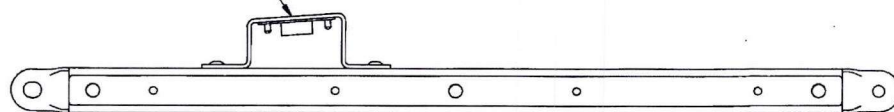
Plex 1/16/19 2:13 PM Dart.Macdonald.Dara

ITEM	QTY -041	P/N	DESCRIPTION
	X	D5159-041	SEAT BACK BRACE ASSY
1	1	D5159-1	RIB
2	1	D5160-1	SEAT BRACE BRACKET
3	1	D5160-5	SHIM
4	2	MS20426AD3-4	RIVET, SOLID, CSK
5	2	MS20600M4W3	RIVET, BLIND (MONEL)
6	3	MS20601M4W4	RIVET, BLIND, CSK (MONEL)
7	1	MS21059L4	NUTPLATE



D5159-041 SEAT BACK BRACE ASSY

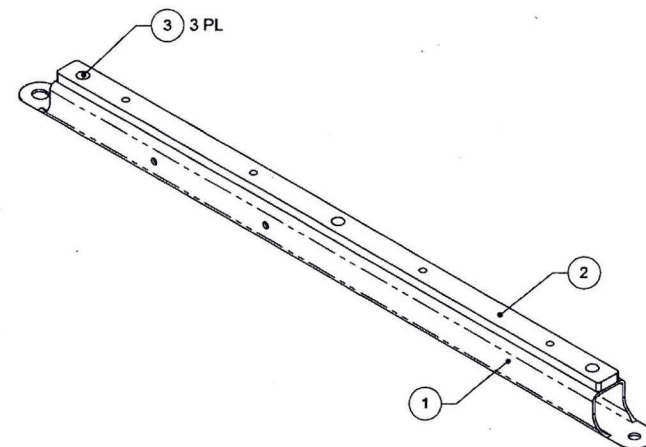
NOTE BRACKET
ANGLE



NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5159-041" AND BATCH NUMBER BXXXXX PER QSI 044, 6.1.
- 7) WEIGHT: 0.89 lbs

ITEM	QTY -043	P/N	DESCRIPTION
	X	D5159-043	SEAT BACK BRACE ASSY
1	1	D5159-1	RIB
2	1	D5160-5	SHIM
3	3	MS20601M4W4	RIVET, BLIND, CSK (MONEL)



D5159-043 SEAT BACK BRACE ASSY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5159-043" AND BATCH NUMBER BXXXXX PER QSI 044, 6.1.
- 7) WEIGHT: 0.82 lbs

RELEASED

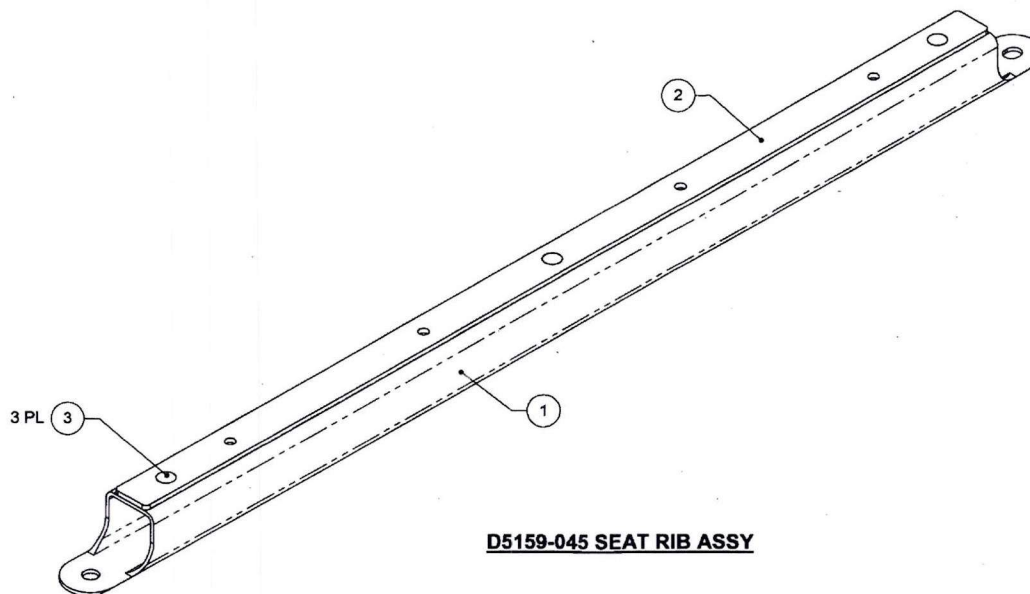
2015 FEB 04

ECN 15-522 9

APPROVED

A	NEW ISSUE	AJS	14.09.24
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	AP	DRAWING NO.	REV. A
MFG. APPR.	DD	D5159	SHEET 1 OF 3
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	SEAT BRACE ASSY	NTS
DATE	14.09.24	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM	QTY	P/N	DESCRIPTION
	X	D5159-045	SEAT RIB ASSY
1	1	D5159-3	SEAT RIB
2	1	D5160-3	SHIM
3	3	MS20601M4W4	RIVET, BLIND, CSK (MONEL)



D5159-045 SEAT RIB ASSY

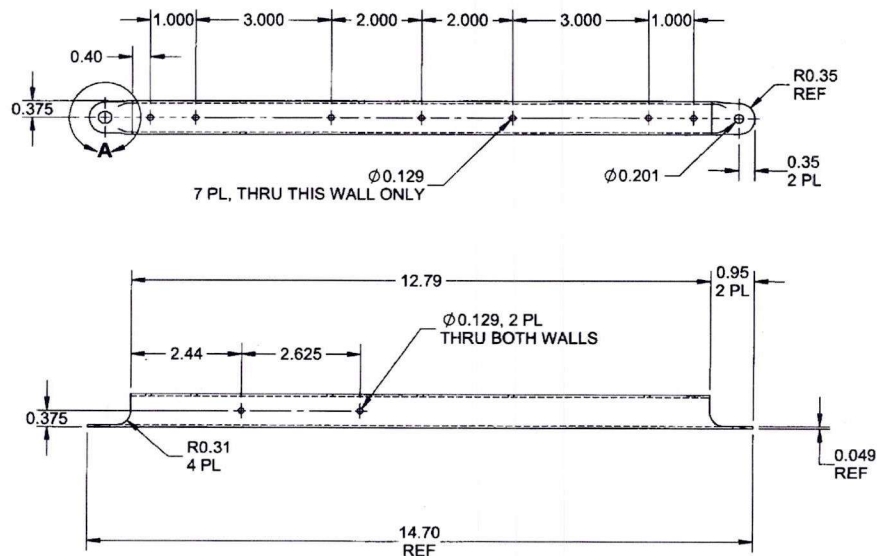
RELEASED
2015 FEB 04 *an*

NOTES:

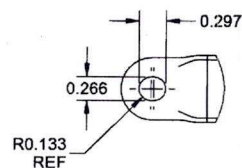
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5159-045" AND BATCH NUMBER BXXXXX
PER QSI 044, 6.1.
- 7) WEIGHT: 0.62 lbs

APPROVED

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO.	REV. A
MFG. APPR.	DD	D5159	SHEET 2 OF 3
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DE APPR.	DS	SEAT BRACE ASSY	NTS
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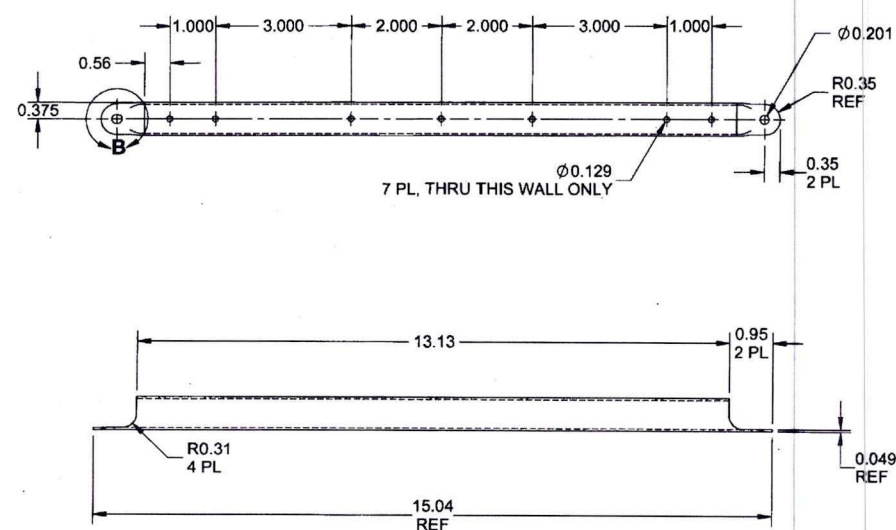


D5159-1 RIB

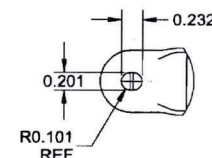


DETAIL A
SCALE 2X

- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.049 WALL
PER ASTM A554/A269 MILL FINISH
REF DART SPEC. M304TS0.750W.049
 - 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT -1: 0.49 lbs
-3: 0.50 lbs



D5159-3 SEAT RIB



DETAIL B
SCALE 2X

RELEASED

2015 FEB 04

APPROVED	DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
	DRAWN	AJS		
	CHECKED	AP	DRAWING NO.	REV. A
	MFG. APPR.	DD	D5159	SHEET 3 OF 3
	APPROVED	HS	TITLE	SCALE
	DE APPR.	DS	SEAT BRACE ASSY	NTS
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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042) _____	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details: _____					



Container No: S152342



Part: D5159-041

Job No: 188928

Serial No/Batch: S152342

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

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Date: 02/11/19